

APPENDIX A

"CLEAN" VERSION OF EACH PARAGRAPH/SECTION/CLAIM

37 C.F.R. § 1.121(b)(ii) AND (c)(i)

Amend Claim 1 as follows:

-
- ✓ 1. (Thrice Amended) A method of an improved delivery system for gases generated via the sublimation of solid material precursors comprising:
- introducing a solid powder precursor into a liquid bubbler apparatus;
- adding a liquid into said solid powder precursor-containing bubbler apparatus, said liquid chosen to have a vapor pressure which is negligible compared with said vapor pressure of said solid powder precursor under the operating conditions extant in said bubbler; said liquid also being chosen such that said solid powder precursor is sufficiently insoluble in said liquid such that recrystallization of material of said solid powder precursor is unobservable during the normal operating time required to deplete the precursor material in said bubbler and necessitate its refilling;
- attaching said bubbler containing said solid powder precursor and said liquid to a reactor apparatus containing a substrate to which said powder precursor is to be applied; said bubbler containing a mixture of vapors comprising carrier gas and solid powder precursor;
- said mixture of vapors being formed, when said carrier gas contacts said liquid in said bubbler, forming bubbles therein which agitate and mix in said liquid, said vapors comprising carrier gas and composition of said solid powder precursor;
- said carrier gas being either inert or reactive;
- flowing said carrier gas through said bubbler to sweep said mixture of vapors into said reactor to coat said substrate. --
-

APPENDIX B

VERSION WITH MARKINGS TO SHOW CHANGES MADE

37 C.F.R. § 1.121(b)(iii) AND (c)(ii)

Amend Claim 1 as follows:

1. (Thrice Amended) A method of an improved delivery system for gases generated via the sublimation of solid powder material precursors comprising:

introducing a solid powder precursor into a liquid bubbler apparatus;

adding a liquid into said solid powder precursor-containing bubbler apparatus, said liquid chosen to have a vapor pressure which is negligible compared with said vapor pressure of said solid powder precursor under the operating conditions extant in said bubbler; said liquid also being chosen such that said solid powder precursor is sufficiently insoluble in said liquid such that recrystallization of material of said solid powder precursor is unobservable during the normal operating time required to deplete the precursor material in said bubbler and necessitate its refilling;

attaching said bubbler containing said solid powder precursor and said liquid to a reactor apparatus containing a substrate to which [the] said powder precursor is to be applied; said bubbler containing a mixture of vapors comprising carrier gas and solid powder precursor;

said mixture of vapors being formed , when said carrier gas contacts said liquid in said bubbler, forming bubbles therein which agitate and mix in said liquid, said vapors comprising carrier gas and [the] composition of said solid powder precursor;

said carrier gas being either inert or reactive;

flowing said carrier gas through said bubbler to sweep said mixture of vapors into said reactor to coat said substrate. --